coupled to the processor, wherein the processor is further controlled by the computer program code to:

load from the database, the library alignment configuration data, wherein the alignment configuration is further selected according to the library alignment configuration data.

30. A computing device as claimed in claim **29**, wherein the library alignment configuration data comprises data relating to a group of available orthopaedic implants for performing at least one of the one or more desired post-implant activities.

31. A computing device as claimed in claim **29**, wherein the library alignment configuration data comprises data relating to a group of patients fitted with an orthopaedic implant for performing at least one of the one or more desired post-implant activities.

32. A computer readable storage medium comprising computer program code instructions, being executable by a computer, for:

receiving, via a data interface, patient specific information data for deriving patient data, the patient specific information being indicative of one or more dynamic characteristics;

calculating patient data according to the patient specific information data; and

calculating 3D model data of a joint according to the patient data, such that the 3D model data shows an orthopaedic implant in an alignment configuration.

33. A computer readable storage medium as claimed in claim **32**, wherein the one or more dynamic characteristics comprise a virtual prediction based on one or more of: joint kinematics data; joint loading data; and joint articulation behaviour data during desired post-implant activities.

34. A computer readable storage medium as claimed in claim **33**, wherein the virtual prediction comprises a computer model prediction.

35. A computer readable storage medium as claimed in claim **32**, further comprising instructions for:

receiving, via the data interface, patient acquired data being indicative of one or more desired post-implant activities, the patient acquired data comprising post-implant activities preference data;

calculating a set of possible alignment configurations according to the patient data and the patient acquired data; and

selecting an alignment configuration from the set of possible alignment configurations according to the post-implant activities preference data.

36. A computer readable storage medium as claimed in claim **35**, wherein the post-implant activities preference data is a preference ratio being indicative of comparative patient preference for the one or more desired post-implant activities.

37. A client computing device comprising an interface for sending and receiving digital data and being coupled, across a data link, to a computing device as claimed in any one of claims **18** to **31**, wherein the interface is adapted for sending and receiving digital data as referred to in any one of claims **18** to **31**.

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